No. 9900409

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Syngenta Seeds, Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE , OR USING IT IN ICING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY TION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

ALFALFA

'EverGreen'

In Testimony Thereof, *I have hereunto set my hand and caused the seal of the* Plant Variety Protection Office *to be affixed at the City of Washington, D.C. this second day of April, in the year two thousand two.*

Attest.

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Secretary of Agriculture

REPRODUCE LOCALLY. *Include form number and date on all reproductions.*

FORM APPROVED - OMB NO. 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE DIVISION - PLANT VARIETY PROTECTION OFFICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a).

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S) *(as it is to appear on the Certificate)*
Forage Genetics, Inc.

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER
FG 3A30

3. VARIETY NAME
EverGreen

4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)*
N5292 S. Gills Coulee Road
West Salem, WI 54669
U.S.A.

5. TELEPHONE *(include area code)*
(608)786-2121

6. FAX *(include area code)*
(608)786-2193

FOR OFFICIAL USE ONLY

PVPO NUMBER
9900409

FILING DATE
September 1, 1999

FEES RECEIVED
FILING AND EXAMINATION FEE
$ 2150.00
DATE
9/1/1999
CERTIFICATION FEE
$ 250.00
DATE
8/27/01

7. GENUS AND SPECIES NAME
Medicago sativa L.

8. FAMILY NAME *(Botanical)*
Leguminosea

9. CROP KIND NAME *(Common name)*
Alfalfa

10. IF THE APPLICANT NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION *(corporation, partnership, association, etc.) (Common name)*
Corporation

11. IF INCORPORATED, GIVE STATE OF INCORPORATION
Minnesota

12. DATE OF INCORPORATION
March 1991

13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS
Sharie Fitzpatrick
Forage Genetics
N5292 S. Gills Coulee Road
West Salem, WI 54669 USA

14. TELEPHONE *(include area code)*
(608)786-2121

15. FAX *(include area code)*
(608)786-2193

16. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED *(Follow instructions on reverse)*

a. ☒ Exhibit A. Origin and Breeding History of the Variety
b. ☒ Exhibit B. Statement of Distinctness
c. ☒ Exhibit C. Objective Description of the Variety
d. ☐ Exhibit D. Additional Description of the Variety
e. ☒ Exhibit E. Statement of the Basis of the Applicant's Ownership
f. ☒ Voucher Sample *(2,500 viable untreated seeds or, for tuber propagated varieties verification that tissue culture will be deposited and maintained in a public repository)*
g. ☒ Filing and Examination Fee ($2,450), made payable to "Treasurer of the United States" *(Mail to PVPO)*

17. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY, AS A CLASS OF CERTIFIED SEED? *(See Section 83(a) of the Plant Variety Protection Act)?*
☐ YES *(If "yes," answer items 18 and 19 below)* ☒ NO *(If "no," go to item 20)*

18. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?
☒ YES ☐ NO

19. IF "YES" TO ITEM 18, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED?
☒ FOUNDATION ☐ REGISTERED ☒ CERTIFIED

20. HAS THE VARIETY OR A HYBRID PRODUCED FROM THE VARIETY BEEN RELEASED, USED, OFFERED FOR SALE, OR MARKETED IN THE U.S. OR OTHER COUNTRIES?
☒ YES *(If "yes," give names of countries and dates)* ☐ NO
U.S.A. 1999

21. The applicant(s) declare that a viable sample of basic seed of the variety will be furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.

The undersigned applicant(s) is(are) the owner(s) of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Applicant(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.

SIGNATURE OF APPLICANT *(Owner(s))*		SIGNATURE OF APPLICANT *(Owner(s))*	
NAME *(Please print or type)* Mark McCaslin		NAME *(Please print or type)*	
CAPACITY OR TITLE President	DATE 8/24/99	CAPACITY OR TITLE	DATE

SD-470 (04-95) *(Previous editions are to be destroyed)*

(See reverse for instructions and information collection burden statement)

Exhibit A (Amended April 20, 2001): Origin and Breeding History of the Variety.

EverGreen is a synthetic variety with 110 parent plants. Parents were selected based on clonal and/or polycross progeny tests for forage yield, forage quality, fall dormancy reaction, disease resistance and potato leafhopper resistance from a glandular haired breeding population previously selected for resistance to one or more of the following pests: bacterial wilt, Fusarium wilt, Verticillium wilt, anthracnose (Race 1), Phytophthora root rot, Aphanomyces root rot (Race 1) and potato leafhopper. A combination of genotypic and phenotypic recurrent selection was used in the development of this variety. The parental populations from which all clones were derived trace to the following cultivars and germplasm releases: TrailBlazer 3.0 (50%), DK131HG (25%) and Arrest (25%).

Breeder seed (Syn1) was produced on parent plants at Nampa, ID in 1997. The breeder will produce sufficient foundation seed (Syn2 or Syn3) for the projected life of the variety. Production of Syn3 foundation seed requires the consent of the breeder.

Alfalfa varieties are heterogeneous populations. Flower color and the frequency of plants with glandular hairs were observed on 100 random plants at the Syn1, Syn2 and Syn3 generations. The population mean and variance for these traits was not significantly different over the three generations. No novel variants for any trait were observed during the three generations of seed increase. Thus, variety has been observed to be uniform and stable through three generations.

Exhibit B: Novelty Statement (Amended April 20, 2001):

This variety can be distinguished from others in the crop by using a number of different varietal traits. High resistance to potato leafhopper makes EverGreen completely unique from all previous alfalfa varieties. The variety most similar to EverGreen is Arrest. EverGreen is most distinct from Arrest in that EverGreen has high resistance to potato leafhopper (79% resistant) whereas, Arrest has a resistant reaction (33%). Also, EverGreen is highly resistant to bacterial wilt (61%) in comparison, Arrest is resistant (47%). Both of these differences exceed the 10% minimum distance necessary to differentiate alfalfa varieties.

Character 1. Potato leafhopper resistance. EverGreen alfalfa has high resistance to the pest (mean PLHR=79%) whereas, Arrest has resistance (mean PLHR=34%), a difference which exceeds the minimum distance of 10%. Potato leafhopper resistance evaluation methods are published in the 1998 revision of Standard Tests to Characterize Alfalfa Cultivars (Green Book).

Test 1. Potato leafhopper resistance -evaluated by Forage Genetics, West Salem, WI-1999 Field Test

Entry	%Resistant Plants	%Resistance Adjusted	Number of Plants Tested
EverGreen-syn1 (HR)	63	79	75
Arrest –syn2 (R)	26	33	75
PLH 40 (MR)	20	25	75
Ranger (S)	0	0	75
Test mean	49		
L.S.D. 0.05	12.3		
C.V.(%)	15.2		

Test 2. Potato leafhopper resistance -evaluated by Forage Genetics, West Salem, WI-2000 Field Test

Entry	%Resistant Plants	%Resistance Adjusted	Number of Plants Tested
EverGreen-syn2 (HR)	82	79	75
Arrest – syn2 (R)	36	35	75
PLH 40 (MR)	26	25	75
Ranger (S)	0	0	75
Test mean	42.5	41	
L.S.D. 0.05	9.6		
C.V.(%)	11.3		

Exhibit B: **Novelty Statement (Amended April 20, 2001):**

Character 2. Bacterial Wilt Resistance. EverGreen is highly resistant to bacterial wilt (mean BWR=63%) in comparison, Arrest is resistant (mean BWR=48%), a difference which exceeds the minimum distance of 10%. .

Test 1. Bacterial Wilt Resistance-evaluated by Forage Genetics, West Salem, WI – 1999 Lab Test (Standard Tests to Characterize Alfalfa Cultivars, 1995 Revision)

Entry	%Resistant Plants	%Resistance Adjusted	Number of Plants Tested
EverGreen Syn1 (HR)	66	61	150
Arrest-Syn2 (R)	51	47	150
Vernal (R)	43	40	150
Sonora (S)	1	1	150
Test mean	55	51	
L.S.D. 0.05	11		
C.V.(%)	15		

Test 2. Bacterial Wilt Resistance-evaluated by Forage Genetics, West Salem, WI – 2001 Lab Test (Standard Tests to Characterize Alfalfa Cultivars, 1995 Revision)

Entry	%Resistant Plants	%Resistance Adjusted	Number of Plants Tested
EverGreen- Syn2 (HR)	62	65	150
Arrest-Syn2 (R)	47	49	150
Vernal (R)	38	40	150
Sonora (S)	3	3	150
Test mean	38	40	
L.S.D. 0.05	12.7		
C.V.(%)	19.8		

U.S. DEPARTMENT OF AGRICULTURE
EXHIBIT C
AGRICULTURAL MARKETING SERVICE
SCIENCE & TECHNOLOGY DIVISION
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MARYLAND 20705

(Alfalfa)

OBJECTIVE DESCRIPTION OF VARIETY
ALFALFA *(Medicago sativa, sensu* Gunn *et al.)*

NAME OF APPLICANT(S)
Forage Genetics, Inc.

ADDRESS *(Street and No. or R.F.D. No., City, State, and Zip Code)*
N5292 S. Gills Coulee Road
West Salem, WI 54669
U.S.A.

FOR OFFICIAL USE ONLY
PVPO NUMBER 9900409

VARIETY NAME
EverGreen

TEMPORARY OR EXPERIMENTAL DESIGNATION
FG 3A30

PLEASE READ ALL INSTRUCTIONS CAREFULLY: Place the appropriate number that describes the varietal character of this variety in the boxes below. Place a zero in the first box (e.g. [ ][ ][ ] or [ ][ ]) when number is either 99 or less or 9 or less respectively. Data for quantitative plant characters should be base on a minimum of 100 plants. Comparative data should be determined from varieties entered in the same trial. Royal Horticultural Society or any recognized color standard may be used to determine plant colors; designate system used: _____
Please answer all questions for your variety; lack of response may delay progress of your application.

1. FALL DORMANCY: (DETERMINED FROM SPACED PLANTINGS)

TESTING INSTITUTION AND LOCATION	DATE OF LAST CUT	DATE REGROWTH SCORED	REGROWTH SCORE OR AVERAGE HEIGHT						
			APPLICATION VARIETY	CHECK VARIETIES*					
				Vernal	Ranger	Legend	LSD .05	CV	$\bar{x}$
W Forage Genetics W. Salem, WI	9/97	10/97	3.3	2.0	3.5	4.1	0.24	7.7	2.7

(* The varieties in parentheses are acceptable check varieties; application varieties must be bracketed by check varieties)

[7] CLASS

1 = Very Non-Dormant ('CUF 101', 'Mecca', '5929')
2 = Non-Dormant ('Moapa 69', '5715', 'Pierce')
3 = Non-Dormant ('Mesilla', 'Sutter', 'Malone')
4 = Moderately Dormant ('Lahontan', '581', 'Express')
5 = Moderately Dormant ('Excalibur', 'Du Puits', '555')
6 = Moderately Dormant ('Saranac', 'WL 316', 'Legend')
7 = Dormant ('Ranger', 'Arrow', 'WL 317')
8 = Dormant ('Vernal', '526', 'Wrangler')
9 = Very Dormant ('Norseman', '5151', 'Spredor 2')

Specify scoring system used: standard test - green book

[7] FALL GROWTH HABIT (Determined from Fall Dormancy Trials)

1 = Erect ('CUF 101')
3 = Semi-Erect ('Mesilla')
5 = Intermediate ('Saranac AR')
7 = Semi-Decumbent ('Vernal')
9 = Decumbent ('Norseman')

2. RECOVERY AFTER FIRST SPRING CUT (In Southwest, first cut after March 21):

[6] 1=Very fast ('CUF 101') 3= Fast ('Mesilla') 5=Intermediate ('Ranger') 7=Slow ('Vernal') 9=Very slow ('Norseman')

TEST LOCATION: West Salem, WI

3. AREAS OF ADAPTATION IN U.S.:

Describe the area for which this variety is adapted; that is, define geographically, or in terms of climate and soils, the region(s) in which it may reasonably be expected to perform well.
THIS CHARACTERIZATION MUST BE SUPPORTED BY TEST LOCATIONS AND DATA ON PERSISTENCE.

Es East Central and North Central U.S.

Data attached

4. FLOWERING DATE (When 10% of plants possesses open flowers at time of first spring cut):

[ ] Days earlier than ..... [ ]
[ ] ..... Same as ..... [ ]
[0 2] Days later than ..... [3]

Please make all 3 comparisons if possible.

1='CUF 101' 2='Mesilla' 3='Saranac' 4='Vernal' 5='Norseman'

Test location W. Salem, WI

5. PLANT COLOR (Determined from healthy regrowth 3 weeks after first spring cut, controlling leafhoppers if necessary):

[ ] 1= Very Dark Green ('524') 2=Dark Green ('Vernal') 3=Light Green ('Ranger')

Color Chart Value (Specify chart used)

Application Variety

Vernal

Test Location

6. CROWN TYPE (Determined from spaced plants):

[1] Non-creeping types 1=Broad ('Vernal') 2=Intermediate ('Saranac AR') 3=Narrow ('CUF 101')

Creeping types 4=Creeping rooted ('Rangelander') 5=Rhizomatous ('Rhizoma')

7. FLOWER COLOR (Determine frequency of plants for each color class as defined by USDA Agricultural Handbook No. 424 (Barnes 1972), allowing all plants in plot to flower):

[0 6 1] % Purple and Violet (Subclasses 1.1 to 1.4)
[0 2 3] % Variegated (Subclasses 2.1 to 2.9)
[0 0 1] % Cream (Class 3)
[0 1 0] % Yellow (Subclasses 4.1 to 4.4)
[0 0 5] % White (Class 5)

Test Location Nampa, ID

8. POD SHAPE (Determine frequency of plants with the following pod shapes produced on well cross-pollinated racemes):

099	% Tightly coiled (one or more coils, center more or less closed).
001	% Loosely coiled (one or more coils, center conspicuously open).
000	% Sickle (less than one coil).

Test location Nampa, ID

9. PEST AND DISEASE RESISTANCE: Provide in the appropriate space, trial data for application variety and appropriate resistant (R) and susceptible (check varieties, resistance class, year tested, synthetic generation tested, number of plants tested, least significant difference statistics (LSD .05), coefficient of variance (CV), experimental mean (x̄), the institution in charge of test, and location of test, and whether test is a field or laboratory evaluation. Data must be from tests conduct by private firms, agricultural experiment stations or USDA. Describe scoring system and any test procedure which differs from those approved by the NAAIC. Resistance levels should be characterized using % resistant plants as follows: S=<6%, LR=6-14%, MR=15-30%, R=31-50%, HR=>50%. Checks should be based on long term resistance averages as approved by the NAAIC. Data must be adjusted to the long term mean of the resistant check variety. Supply both adjusted and unadjusted values. Trial data from other test years or locations should be presented whenever available on a separate document as Exhibit D. Seeds of the check varieties and germplasm lines below can be obtained from the USDA Soybean & Alfalfa Research Laboratory, Bldg. 002, Rm. 10, BARC-West, Beltsville, MD, 20705. Comparison is required with check varieties listed below; data must be adjusted according to the expected value of the resistant check. State who made the adjustment

A. DISEASE RESISTANCE:

ANTHRACNOSE (RACE 1) *(Colletotrichum trifolii)*

Test conducted by Forage Genetics at West Salem, WI

Variety	Resistance Class/ Expected Value	Syn. Gen. Tested	Unadjusted % Resistance	Adjusted % Resistance	Number of Plants Tested
This Variety	HR	1	60	58	220
1. 'Arc' or	HR 65%		68	65	
2. 'ExcanacAR'	R 45%		--	--	
3. 'Saranac'	S		0	0	
L.S.D. (.05)			11		
C.V. (%)			15		
x̄			52	50	

Field or Laboratory/ Year Tested lab 1998

Scoring system used standard test proc.

ANTHRACNOSE (RACE 2) *(Colletotrichum trifolii)*

Test conducted by _____ at _____

Variety	Resistance Class	Synthetic Generation Tested	Unadjusted % Resistance	Adjusted % Resistance	Number of Plants Tested
This Variety					
1. 'Saranac AR'	R 45%				
2. 'Arc' or	S				
3. 'Saranac'	S				
L.S.D. (.05)					
C.V. (%)					
x̄					

Field or Laboratory/ Year Tested _____

Scoring system used _____

A. DISEASE RESISTANCE: (continued)

9900409

APHANOMYCES ROOT ROT (Race 1) *(Aphanomyces euteiches)*

Test conducted by Forage Genetics at West Salem, WI

Variety	Resistance Class	Synthetic Generation Tested	Unadjusted % Resistance	Adjusted % Resistance	Number of Plants Tested
This Variety 1. 'WAPH-1' 2. 'Agate'	R R 50% S 1%	syn 1	35 49 1	36 50 1	220
L.S.D. (.05) C.V. (%) x			14 119 31	32	

Field or Laboratory/ Year Tested lab 1998

Scoring system used standard test proc.

APHANOMYCES ROOT ROT (Race 2) *(Aphanomyces euteiches)*

Test conducted by _____ at _____

Variety	Resistance Class	Synthetic Generation Tested	Unadjusted % Resistance	Adjusted % Resistance	Number of Plants Tested
This Variety 1. 'WAPH-1' 2. 'Agate'	R 50% S 1%				
L.S.D. (.05) C.V. (%) x					

Field or Laboratory/ Year Tested _____

Scoring system used _____

BACTERIAL WILT *(Clavibacter michiganense)*

Test conducted by Forage Genetics at West Salem, WI

Variety	Resistance Class	Synthetic Generation Tested	Unadjusted % Resistance	Adjusted % Resistance	Number of Plants Tested
This Variety 1. 'Vernal' 2. 'Saranac' 3. or 'Sonora'	HR R 42% S 1% S 1%	syn 1	66 43 1	61 40 1	150
L.S.D. (.05) C.V. (%) x			11 15 55	51	

Field or Laboratory/ Year Tested 1999 LAB TEST

Scoring system used Greenhouse standard test (1995 publ.)

A. DISEASE RESISTANCE: (continued)

9900409

COMMON LEAFSPOT *(Pseudopeziza medicaginis)*

Test conducted by _____ at _____

Variety	Resistance Class	Synthetic Generation Tested	Unadjusted % Resistance	Adjusted % Resistance	Number of Plants Tested
This Variety 1. 'MSA-CW3ANS3' 2. or 'Ramsey' 3. 'Ranger' 4. 'Moapa 69'	 HR 60% HR 60% MR 30% S 0-10%				
L.S.D. (.05) C.V. (%) x̄					

Field or Laboratory/ Year Tested _____

Scoring system used _____

DOWNY MILDEW *(Peronospora trifoliorum)*

Isolate, if known _____

Test conducted by _____ at _____

Variety	Resistance Class	Synthetic Generation Tested	Unadjusted % Resistance	Adjusted % Resistance	Number of Plants Tested
This Variety 1. 'KS208' 2. 'Saranac' isolates 15 & 17, isolate 18 3. 'Kanza'	 HR 80% MR 15-20% R 50-60% S 0-5%				
L.S.D. (.05) C.V. (%) x̄					

Field or Laboratory/ Year Tested _____

Scoring system used _____

FUSARIUM WILT *(Fusarium oxysporum* f. *medicaginis)*

Test conducted by Forage Genetics at West Salem, WI

Variety	Resistance Class	Synthetic Generation Tested	Unadjusted % Resistance	Adjusted % Resistance	Number of Plants Tested
This Variety 1. 'Agate' 2. 'MNGN-1'	HR ~~MR 5%~~ R 45% S 4%	syn 1	64 39 4	74 45 4	150
L.S.D. (.05) C.V. (%) x̄			12 14 63	 73	

Field or Laboratory/ Year Tested Laboratory Test - 1999

Scoring system used standard test for greenhouse - 1995 publ.

A. DISEASE RESISTANCE: (continued)

9900409

PHYTOPHTHORA ROOT ROT *(Phytophthora megasperma f. medicaginis)*

Test conducted by Forage Genetics at W. Salem, WI

Variety	Resistance Class	Synthetic Generation Tested	Unadjusted % Resistance	Adjusted % Resistance	Number of Plants Tested
This Variety 1. [illegible] WAPH1 2. 'Saranac'	HR [illegible]HR 55% S 3%	syn 1	59 58 3	56 55 3	180
L.S.D. (.05) C.V. (%) x̄			15 16 56	 53	

Field or Laboratory/ Year Tested lab 1998

Scoring system used standard test proc.(published 1995)

VERTICILLIUM WILT *(Verticillium albo-atrum)*

Test conducted by Forage Genetics at Nampa, ID

Variety	Resistance Class	Synthetic Generation Tested	Unadjusted % Resistance	Adjusted % Resistance	Number of Plants Tested
This Variety 1. 'Vertus' or 2. [illegible] 3. 'Saranac'	R R 40% [illegible] S 2%	syn 1	36 33 2	44 40 2	160
L.S.D. (.05) C.V. (%) x̄			9 18 34	 41	

Field or Laboratory/ Year Tested laboratory 1998

Scoring system used standard proc.

OTHER (SPECIFY)

Test conducted by at

Variety	Resistance Class	Synthetic Generation Tested	Unadjusted % Resistance	Adjusted % Resistance	Number of Plants Tested
This Variety 1. 2. 3.	 S				
L.S.D. (.05) C.V. (%) x̄					

Field or Laboratory/ Year Tested

Scoring system used

B. INSECT RESISTANCE:

9900409

BLUE ALFALFA APHID *(Acyrthosiphon kondoi)*

Test conducted by _____ at _____

Variety	Resistance Class	Synthetic Generation Tested	Unadjusted % Resistance	Adjusted % Resistance	Number of Plants Tested
This Variety 1. 'CUF 101' 2. 'PA-1' or 3. 'Caliverde'	 HR 55% S 10% S 3%				
L.S.D. (.05) C.V. (%) x̄					

Field or Laboratory/ Year Tested _____

Scoring system used _____

PEA APHID *(Acyrthosiphon pisum)*

Test conducted by Forage Genetics at Nampa, ID

Variety	Resistance Class	Synthetic Generation Tested	Unadjusted % Resistance	Adjusted % Resistance	Number of Plants Tested
This Variety 1. 'CUF 101' or 2. 'PA-1' or 3. 'Baker' 4. 'Vernal' or 5. 'Moapa'	HR HR 55% HR 55% R 45% S 5% S 5%	syn 1	48 48 5	55 55 5	210
L.S.D. (.05) C.V. (%) x̄			13 17 47	 53	

Field or Laboratory/ Year Tested lab 1999

Scoring system used standard test proc.

SPOTTED ALFALFA APHID *(Therioaphis maculata)*

Test conducted by _____ at _____

Variety	Resistance Class	Synthetic Generation Tested	Unadjusted % Resistance	Adjusted % Resistance	Number of Plants Tested
This Variety 1. 'CUF 101' or 2. 'Baker' 3. 'Arc' or 4. 'Caliverde'	 HR 60% R 50% S 3% S 3%				
L.S.D. (.05) C.V. (%) x̄					

Field or Laboratory/ Year Tested _____

Scoring system used _____

B. INSECT RESISTANCE: (continued)

9900409

POTATO LEAFHOPPER YELLOWING *(Empoasca fabae)*

Test conducted by _____ at _____

Variety	Resistance Class	Synthetic Generation Tested	Unadjusted % Resistance	Adjusted % Resistance	Number of Plants Tested
This Variety 1. 'MSA-CW3AN3' 2. 'Ranger'	R 70% S 5%				
L.S.D. (.05) C.V. (%) x̄					

Field or Laboratory/ Year Tested _____

Scoring system used _____

OTHER (SPECIFY) Potato Leafhopper Resistance (Empoasca fabae)

Test conducted by Forage Genetics at Madison, Wisconsin

Variety	Resistance Class	Synthetic Generation Tested	Unadjusted % Resistance	Adjusted % Resistance	Number of Plants Tested
This Variety 1. PLH 40 2. Ranger 3.	HR MR S	syn 1	63 20 0	79 25 0	75
L.S.D. (.05) C.V. (%) x̄			12.3 15.2 49		

Field or Laboratory/ Year Tested Field / 1999

Scoring system used Standard Tests (June 96 revision) Green Book

C. NEMATODE RESISTANCE:

NORTHERN ROOT KNOT NEMATODE *(Meloidogyne hapla)*

Test conducted by _____ at _____

Variety	Resistance Class	Synthetic Generation Tested	Unadjusted % Resistance	Adjusted % Resistance	Number of Plants Tested
This Variety 1. 'Nevada Syn XX' 2. 'Lahontan'	HR 90% S 3%				
L.S.D. (.05) C.V. (%) x̄					

Field or Laboratory/ Year Tested _____

Scoring system used _____

C. NEMATODE RESISTANCE: (continued)

SOUTHERN ROOT KNOT NEMATODE *(Meloidogyne incognita)*

9900409

Test conducted by _____ at _____

Variety	Resistance Class	Synthetic Generation Tested	Unadjusted % Resistance	Adjusted % Resistance	Number of Plants Tested
This Variety 1. 'Moapa 69' 2. 'Lahontan'	 R 50% S 3%				
L.S.D. (.05) C.V. (%) x̄					

Field or Laboratory/ Year Tested _____

Scoring system used _____

STEM NEMATODE *(Ditylenchus dipsaci)*

Test conducted by Forage Genetics at Nampa, ID

Variety	Resistance Class	Synthetic Generation Tested	Unadjusted % Resistance	Adjusted % Resistance	Number of Plants Tested
This Variety 1. Verilema or 2. 'Lahontan' 3. 'Ranger' or 4. Moapa 69	R R 60% R 40% S 5% S 1%	syn 1	30 -- 32 3 --	38 -- 40 4 --	400
L.S.D. (.05) C.V. (%) x̄			8 18 29	 36	

Field or Laboratory/ Year Tested laboratory 1999

Scoring system used standard test proc

OTHER (SPECIFY) _____

Test conducted by _____ at _____

Variety	Resistance Class	Synthetic Generation Tested	Unadjusted % Resistance	Adjusted % Resistance	Number of Plants Tested
This Variety 1. 2. 3.					
L.S.D. (.05) C.V. (%) x̄					

Field or Laboratory/ Year Tested _____

Scoring system used _____

OTHER (SPECIFY) ______

Test conducted by ______ at ______

Variety	Resistance Class	Synthetic Generation Tested	Unadjusted % Resistance	Adjusted % Resistance	Number of Plants Tested
This Variety 1. 2. 3.	S				
L.S.D. (.05) C.V. (%) x̄					

Field or Laboratory/ Year Tested ______

Scoring system used ______

OTHER (SPECIFY) ______

Test conducted by ______ at ______

Variety	Resistance Class	Synthetic Generation Tested	Unadjusted % Resistance	Adjusted % Resistance	Number of Plants Tested
This Variety 1. 2. 3.	S				
L.S.D. (.05) C.V. (%) x̄					

Field or Laboratory/ Year Tested ______

Scoring system used ______

OTHER (SPECIFY) ______

Test conducted by ______ at ______

Variety	Resistance Class	Synthetic Generation Tested	Unadjusted % Resistance	Adjusted % Resistance	Number of Plants Tested
This Variety 1. 2. 3.	S				
L.S.D. (.05) C.V. (%) x̄					

Field or Laboratory/ Year Tested ______

Scoring system used ______

REPRODUCE LOCALLY. *Include form number and date on all reproductions.*

FORM APPROVED - OMB NO. 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

EXHIBIT E
STATEMENT OF THE BASIS OF OWNERSHIP

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S)
Forage Genetics, Inc.

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER
FG 3A30

3. VARIETY NAME
EverGreen

4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)*
N5292 S. Gills Coulee Rd.
West Salem, WI 54669 U.S.A.

5. TELEPHONE *(include area code)*
(608)786-2121

6. FAX *(include area code)*
(608)786-2193

7. PVPO NUMBER
9900409

8. Does the applicant own all rights to the variety? *Mark an "X" in appropriate block.* If no, please explain. [X] YES [ ] NO

9. Is the applicant *(individual or company)* a U.S. national or U.S. based company? [X] YES [ ] NO
If no, give name of country _____

10. Is the applicant the original owner? [XX] YES [ ] NO ***If no, please answer the following:***

a. If original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. national(s)?
[ ] YES [ ] NO *If no, give name of country* _____

b. If original rights to variety were owned by a company, is the original owner(s) a U.S. based company?
[ ] YES [ ] NO *If no, give name of country* _____

11. Additional explanation on ownership *(If needed, use reverse for extra space):*

PLEASE NOTE:

Plant variety protection can be afforded only to owners (not licensees) who meet one of the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.

2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.

3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definition.

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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To file a complaint, write the Secretary of Agriculture, U.S. Department of Agriculture, Washington, D.C. 20250, or call 1-800-245-6340 (voice) or (202) 720-1127 (TDD). USDA is an equal employment opportunity employer.